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| FORM PTO-1449     U. S DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br><br>(Use several sheets if necessary) |  | ATTY. DOCKET NO.<br><b>U 016454-5</b> |  | SERIAL NO.<br><b>10/590,002</b> |  |
|   |  | APPLICANT                             |  |                                 |  |
|   |  | <b>Joseph DEUTSCH, et al.</b>         |  |                                 |  |
|   |  | FILING DATE                           |  | GROUP                           |  |
|   |  | <b>July 9, 2007</b>                   |  | <b>2617</b>                     |  |

  

| U.S. PATENT DOCUMENTS |                       |                 |      |      |                            |
|-----------------------|-----------------------|-----------------|------|------|----------------------------|
| EXAMINER INITIALS     | REFERENCE DESIGNATION | DOCUMENT NUMBER | DATE | NAME | FILING DATE IF APPROPRIATE |
|                       | AA                    |                 |      |      |                            |
|                       | AB                    |                 |      |      |                            |
|                       | AC                    |                 |      |      |                            |
|                       | AD                    |                 |      |      |                            |
|                       | AE                    |                 |      |      |                            |
|                       | AF                    |                 |      |      |                            |
|                       | AG                    |                 |      |      |                            |
|                       | AH                    |                 |      |      |                            |
|                       | AI                    |                 |      |      |                            |
|                       | AJ                    |                 |      |      |                            |
|                       | AK                    |                 |      |      |                            |

  

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |             |    |
|--------------------------|----|-----------------|------|---------|-------------|----|
|                          |    | DOCUMENT NUMBER | DATE | COUNTRY | TRANSLATION |    |
|                          |    |                 |      |         | YES         | NO |
|                          | AL |                 |      |         |             |    |
|                          | AM |                 |      |         |             |    |
|                          | AN |                 |      |         |             |    |
|                          | AO |                 |      |         |             |    |
|                          | AP |                 |      |         |             |    |

  

| OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.) |    |   |
|--|----|---|
|  | AQ | ANDREADIS, Alessandro et al; PROTOCOLS FOR HIGH-EFFICIENCY WIRELESS NETWORKS; Section 3.6 pages 82-85 |
|  | AR | RALPH, Daniel et al.; MMS: technologies, usage and business models (Section 7.10, pages 291-292)      |
|  | AS |   |

  

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|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |